

# 2003 FIELD CROP SUMMARY

**ALL WHEAT:** In 2003, Washington's wheat growers harvested 45,000 fewer acres than in 2002, but with yields averaging over 5 bushels per acre more than in 2002, production rose to 139.3 million bushels, 7 percent above 2002. Washington ranked fourth behind Kansas, North Dakota, and Oklahoma in total wheat production in 2003 and produced almost 6 percent of the Nation's all wheat supply. The price of the crop averaged \$3.75 per bushel, down \$.08 per bushel from the 2002 crop. Growers contributed \$521.2 million to the State's economy.

**WINTER WHEAT:** The average State yield for 2003 was 65.0 bushels per acre, up 7 bushels per acre from 2002. This resulted in production of 117.0 million bushels, a 12 percent increase from last year. Winter wheat was seeded on 1.85 million acres and 1.80 million acres were harvested. Growers received an average \$3.70 per bushel for the 2003 crop. Gross value of production rose 10 percent to \$432.9 million, from \$394.6 in 2002. Washington ranked third behind Kansas and Oklahoma in value of the 2003 crop.

**SPRING WHEAT:** Spring wheat seeded for 2003 was 550,000 acres, 50,000 acres fewer than in 2002. Growers harvested 545,000 acres with an average yield of 41.0 bushels per acre for a production of 22.3 million bushels. With an average price of \$3.95 per bushel, the value added to the agricultural economy was \$88.3 million, a decrease of 14 percent from 2002's value.

**BARLEY:** Barley planting for 2003 was 320,000 acres with 310,000 acres being harvested. Average yield was 47.0 bushels per acre which was 9.0 bushel decrease from the previous year. Production was 14.6 million bushels, ranking Washington fourth in the Nation behind North Dakota, Idaho, and Montana. Growers received an average \$2.66 per bushel, \$.06 per bushel more than in 2002, for an average value of \$38.8 million.

**OATS:** Oat planted acreage, at 35,000 acres in 2003, was an increase of 3,000 acres from 2002. The 15,000 acres harvested for grain was 2,000 acres more than in 2002 and total production was 750,000 bushels. With an average price in 2003 of \$1.60 per bushel, this gave a value of production of \$750,000 to the agricultural economy.

**CORN:** Corn for grain production in 2003 increased 3 percent from 2002 to 13.7 million bushels. The average yield in 2003 was 195.0 bushels per acre. This was over 50 bushels per acre above the U. S. average and the highest in the Nation. Harvested acreage was 70,000 acres, unchanged from 2002. At \$2.90 per bushel, the value of production totaled \$39.6 million. **Corn for silage** in Washington during 2003 averaged 25.0 tons per acre, 1 ton below 2002 but almost 9 tons above the U. S. average. Acres harvested reached 60,000 acres, unchanged from 2002. Total production for 2003 was 1.50 million tons.

**DRY EDIBLE BEANS:** The average yield for dry edible beans, at 1,910 pounds per acre was 400 pounds above 2002's yield. Harvested area in 2003 was 27,500 acres and production was recorded at 525,000 cwt., with a value of \$10.4 million.

**POTATOES:** Washington potato growers increased their potato acreage 1,000 acres to 163,000 acres. Yield per harvested acre rose slightly to 575 cwt. per acre from 570 cwt. per acre the year before resulting in a total production of 93.2 million cwt. The price fell to \$5.25 per cwt. from \$5.55 last season for a total value of \$489.0 million.

**HOPS:** Washington continues at the number one producer of hops with 40.0 million pounds during 2003, or 74 percent of the U. S. supply. Acreage for harvest in Washington was down 800 acres from 2002 to 19,500 acres. Yields averaged 2,050 pounds per acre compared with 2,133 pounds in 2002. The season average price per pound was \$1.84 resulting in a total value of production of \$73.5 million.

**HAY:** Washington hay growers added \$343.6 million to the agricultural economy. Acreage harvested was 810,000 for 2003, 10,000 fewer than in 2002. With yields averaging slightly higher than 2002, production reached 3.60 million tons.

**DRY EDIBLE PEAS/LENTILS:** Washington's dry edible pea production was 1.23 million cwt., 19 percent below 2002 and 24 percent of the U. S. total. Harvested acreage totaled 82,000 acres, 6,000 acres more than the previous year while yields average 1,500 pounds, 500 pounds more than in 2002. The 2003 crop was worth an average \$8.80 per cwt. and totaled

\$10.8 million. Lentil production, at 910,000 cwt., slipped 210,000 pounds from the 2002 crop. Harvested acres rose to 91,000 acres from 80,000 acres in 2002. An average price per hundredweight of \$18.20, \$3.00 above 2002, resulted in a value of the 2003 crop of \$16.6 million, a 3 percent decrease from a year earlier.

**GRASS SEEDS:** **Alfalfa seed** harvested acreage continued to decrease, falling to 12,500 acres in 2003, 11 percent below 2002. In 2003, 12,500 acres were harvested with an average yield of 820 pounds per acre, 30 pounds less than in 2002. Growers received an average \$130.00 per cwt. and added \$13.3 million to the agricultural economy. In 2003, **Kentucky Bluegrass** growers harvested 42,000 acres, 5,500 acres fewer than the previous year. The average yield was 650 pounds per acre, resulting in a total production of 275,000 cwt. An average \$75.00 per cwt. was received.

**MINT:** Washington continues to be the largest producer of **spearmint**, accounting for 76 percent of the National output with 1.34 million pounds. Spearmint was harvested from 9,200 acres with an average yield of 146 pounds per acre, 33 pounds above the National average. The average price received by growers reached \$9.50 per pound, \$.30 above the previous crop. **Peppermint oil** production in Washington again passed the 100 pounds per acre with 103 pounds in 2003. This is 14 pounds per acre above the National average and 8 pounds per acre above Oregon's yield. The 2003 production accounted for 36 percent of the U. S. supply and was harvested from 24,500 acres. Growers received an average \$11.30 per pound.

**SUGARBEETS:** Sugarbeet production in Washington rose in 2003 to 161,000 tons from 140,000 tons the previous year. Yields were above 2002. Again Washington had the highest yields in the Nation.

#### **2004 Winter Wheat and Barley Acreage Dips Slightly 2004 Spring Wheat Acreage Up**

**WINTER WHEAT:** Total acres planted to winter wheat for harvest in 2004 was 1.80 million acres, down 50,000 acres from 2003. **Common white** winter wheat, the most popular class, accounted for 84 percent of the winter wheat acreage. Eltan continued as the most popular variety of common white, with 30 percent of the State's total common white. In second place was Madsen at 258,000 planted acres, or 17 percent of the total common white acreage. The most popular mix, also ranking third, was Madsen-Rod. Clearfirst jumped from less than 900 planted acres in 2003 to over 60,000 planted in 2004. Also showing sharp gains were Tubbs and Finch. White Club, the second most popular class of winter wheat, accounted for 9 percent of the State's total winter wheat. Bruehl continued as the most popular variety of white club with 53 percent of the total acreage for this class. Chuckar jumped to second place with 14 percent of the total. Finley continued as the most popular variety of **hard red** spring wheat planted in 2004, with 37,300, second was Buchanan with 32,500 acres and dropping to third was Hatton with 16,500 acres.

**SPRING WHEAT:** The 2004 spring wheat planted acreage, at 560,000 acres, was 10,000 acres more than the acreage planted in 2003. The most popular class of spring wheat in Washington State was **common white**, accounting for 53 percent of the spring wheat total acres compared with 58 percent last year and 71 percent in 2002. Alpowa, the most popular variety, rose to 74 percent of the total common white acreage compared with 68 percent in 2003. Wakanz replaced Zak in second place with 6 percent of the total common white acreage. Nick jumped to fourth place and Penawawa rounded out the list of the top five.. **Hard red** spring wheat increased from 34 percent to 38 percent of the total spring wheat planted acres. Scarlett was the hard red variety leader with 25 percent of the total hard red planted acres.

**BARLEY:** Barley acres planted for the 2004 crop year totaled 290,000 acres, 30,000 fewer than in the 2003 crop year. Virtually all the barley is raised on the east side and Baronesse the leading feed barley and AC Metcalfe the leading malting variety.

## Field Crop Summary: Acreage, Yield, Production, & Value, Washington, 2002-2003

Crop	2002					2003				
	Harvested	Yield Per Acre	Unit	Production		Harvested	Yield Per Acre	Unit	Production	
				Total	Value				Total	Value
	1,000 Acres			1,000 Units	\$1,000	1,000 Acres			1,000 Units	\$1,000
Wheat, All	2,390	54.3	Bu.	129,770	496,873	2,345	59.4	Bu.	139,345	521,163
Wheat, Winter	1,800	58.0	Bu.	104,400	394,632	1,800	65.0	Bu.	117,000	432,900
Wheat, Spring	590	43.0	Bu.	25,370	102,241	545	41.0	Bu.	22,345	88,263
Barley	340	56.0	Bu.	19,040	49,504	310	47.0	Bu.	14,570	38,756
Oats	13	65.0	Bu.	845	1,479	15	50.0	Bu.	750	1,223
Corn Grain	70	190.0	Bu.	13,300	37,772	70	195.0	Bu.	13,650	39,585
Corn Silage	60	26.0	Tons	1,560	53,040	60	25.0	Tons	1,500	45,750
Dry Beans 1/	44.5	18.7	Cwt.	830	16,517	27.5	19.1	Cwt.	525	10,395
Dry Peas 2/	76	20.0	Cwt.	1,520	13,452	82	15.0	Cwt.	1,230	10,824
Lentils	80	14.0	Cwt.	1,120	17,024	91	10.0	Cwt.	910	16,562
Potatoes	162	570	Cwt.	92,340	512,487	162	575	Cwt.	93,150	489,038
Hops	20.3	2,133	Lbs.	43,379	83,288	19.5	2,050	Lbs.	39,951	73,510
Sugarbeets 3/	4.0	35.0	Tons	140	5,824	4.0	40.3	Tons	161	5,699
Hay, All 4/ 5/	820	4.07	Tons	3,336	375,366	810	4.45	Tons	3,603	343,610
Hay, Alfalfa 4/	510	4.9	Tons	2,499	267,393	510	5.3	Tons	2,703	233,810
Hay, Other 4/	310	2.7	Tons	837	107,973	300	3.0	Tons	900	109,800
Peppermint	25.0	107	Lbs.	2,675	29,960	24.5	103	Lbs.	2,524	28,521
Spearmint	9.9	146	Lbs.	1,445	13,294	9.2	146	Lbs.	1,343	12,759
Haylage 6/	65	8.94	Tons	581	18,011	64	10.55	Tons	675	20,250
Grass Seeds	77.5	681	Cwt.	528	39,095	70.5	6.98	Cwt.	492	40,785
Other Crops 7/	114	-	-	-	36,000	113	-	-	-	43,000
<b>State Total</b>	<b>4,371.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,798,986</b>	<b>4,277.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,741,430</b>

- Data not available.

1/ Excludes beans grown for garden seed.

2/ Excludes both wrinkled seed peas and Austrian winter peas.

3/ Relates to year of intended harvest except for over wintered spring planted beets in California. Washington price and values for 2003 will be published in "Crop Values," February 2005.

4/ Baled hay.

5/ Estimated marketing of alfalfa and other hay used as weights to calculate all hay price.

6/ 2000 is the first year haylage was published separately. Grass silage is included. Initial estimate set for 2000 crop.

7/ Other Crops include oilseeds, wrinkled seed peas, vegetable seeds, and other minor crops.